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American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 75 No: 10 For Week Ending: March 11, 1994

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 03/11/94	Last Week Ending: 03/04/94	Last Year Week Ending: 03/12/93	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,225	13,008	13,097	217	128
Operable Capacity	15,145	15,145	15,542	0	-397
Percent Operated	87.3	85.9	84.3		
MOTOR GASOLINE					
Total Motor Gasoline Production	6,851	6,828	6,903	23	-52
Total Motor Gasoline Stocks	225,691	225,786	237,427	-95	-11,736
Total Finished Gasoline Stocks	181,717	180,978	194,561	739	-12,844
Blending Components Stocks	43,974	44,808	42,866	-834	1,108
JET KEROSINE					
Total Jet Kerosine Production	1,279	1,279	1,347	0	-68
Total Jet Kerosine Stocks	35,036	37,167	38,322	-2,131	-3,286
DISTILLATE FUEL OIL					
Total Distillate Production	3,198	3,019	2,825	179	373
Total Distillate Stocks	102,959	102,686	103,867	273	-908
RESIDUAL FUEL OIL					
Total Residual Fuel Production	880	884	879	-4	1
Total Residual Fuel Stocks	41,116	41,157	41,799	-41	-683
IMPORTS					
Crude Oil Imports	5,749	6,397	7,632	-648	-1,883
Product Imports	2,506	1,884	1,647	622	859
CRUDE OIL STOCKS	328,907	334,191	342,986	-5,284	-14,079
CRUDE SUPPLY BALANCE	-263				

See Definitional Notes on Page 6.

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For Week Ending: March 11, 1994

U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,495	1,290	1,298	1,442	90.0
Appal. No. 1	109	101	101	109	92.7
PADD 1 TOTAL	1,604	1,391	1,399	1,551	90.2
Week Ago	1,497	1,375	1,389	1,551	89.6
Year Ago	1,552	1,102	1,135	1,544	73.5
IN, IL, KY	2,075	1,918	2,014	2,327	86.5
MN, WI, ND, SD	376	361	361	368	98.1
OK, KS, MO	616	598	604	726	83.2
PADD 2 TOTAL	3,067	2,877	2,979	3,421	87.1
Week Ago	3,117	2,942	3,006	3,421	87.9
Year Ago	3,086	2,956	3,035	3,356	90.4
Inland TX	559	530	530	530	100.0
TX Gulf Coast	3,385	2,799	2,799	3,231	86.6
LA Gulf Coast	2,490	2,333	2,365	2,646	89.4
N. LA and AR	209	195	195	256	76.2
NM	110	94	94	95	98.9
PADD 3 TOTAL	6,753	5,951	5,983	6,758	88.5
Week Ago	6,792	5,865	5,907	6,758	87.4
Year Ago	6,424	5,925	5,967	7,173	83.2
PADD 4 TOTAL	502	462	467	519	90.0
Week Ago	483	451	454	519	87.5
Year Ago	476	417	421	514	81.9
PADD 5 TOTAL	2,531	2,254	2,397	2,896	82.8
Week Ago	2,503	2,147	2,252	2,896	77.8
Year Ago	2,657	2,501	2,539	2,955	85.9
U.S. TOTAL	14,457	12,935	13,225	15,145	87.3
Week Ago	14,392	12,780	13,008	15,145	85.9
Year Ago	14,195	12,901	13,097	15,542	84.3

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosene Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	785	283	—	502	10	67	67	—	416	209	207	129
Appal. No. 1	38	—	—	38	—	—	—	—	37	26	11	4
PADD 1 TOTAL	823	283	—	540	10	67	67	—	453	235	218	133
Week Ago	726	227	—	499	—	59	59	—	411	239	172	84
Year Ago	808	*na*	*na*	*na*	5	75	*na*	*na*	359	*na*	*na*	90
IN, IL, KY	1,121	375	—	746	12	135	132	3	473	205	268	60
MN, WI, ND, SD	189	99	—	90	—	35	35	—	81	18	63	4
OK, KS, MO	332	163	—	169	7	34	33	1	178	101	77	5
PADD 2 TOTAL	1,642	637	—	1,005	19	204	200	4	732	324	408	69
Week Ago	1,775	622	—	1,153	25	232	227	5	748	394	354	71
Year Ago	1,636	*na*	*na*	*na*	19	185	*na*	*na*	687	*na*	*na*	99
Inland TX	305	5	—	300	6	37	28	9	140	126	14	14
TX Gulf Coast	1,481	111	—	1,370	13	310	284	26	658	407	251	199
LA Gulf Coast	1,063	109	—	954	1	267	240	27	551	186	365	139
N. LA and AR	44	—	—	44	5	6	6	—	49	38	11	10
NM	60	4	—	56	1	10	—	10	37	37	—	1
PADD 3 TOTAL	2,953	229	—	2,724	26	630	558	72	1,435	794	641	363
Week Ago	2,907	198	—	2,709	28	627	576	51	1,377	607	770	456
Year Ago	2,981	*na*	*na*	*na*	66	672	*na*	*na*	1,264	*na*	*na*	408
PADD 4 TOTAL	261	62	—	199	12	29	29	—	136	95	41	12
Week Ago	224	79	—	145	9	23	23	—	130	97	33	12
Year Ago	205	*na*	*na*	*na*	10	21	*na*	*na*	112	*na*	*na*	11
PADD 5 TOTAL	1,172	—	—	1,172	1	349	330	19	442	218	224	303
Week Ago	1,196	120	—	1,076	—	338	267	71	353	186	167	261
Year Ago	1,273	*na*	*na*	*na*	31	394	*na*	*na*	403	*na*	*na*	271
U.S. TOTAL	6,851	1,211	—	5,640	68	1,279	1,184	95	3,198	1,666	1,532	880
Week Ago	6,828	1,246	—	5,582	62	1,279	1,152	127	3,019	1,523	1,496	884
Year Ago	6,903	*na*	*na*	*na*	131	1,347	*na*	*na*	2,825	*na*	*na*	879

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	6,663	6,660	707	——	5,953	3	2	449	6,076	1,288	4,788	1,646	——
Central Atlantic	35,289	28,938	6,444	——	22,494	6,351	88	3,237	20,209	5,368	14,841	10,914	9,385
Lower Atlantic	23,225	22,750	2,045	——	20,705	475	162	4,764	10,648	4,280	6,368	2,307	456
PADD 1 TOTAL	65,177	58,348	9,196	——	49,152	6,829	252	8,450	36,933	10,936	25,997	14,867	9,841
Week Ago	64,873	58,538	9,308	——	49,230	6,335	228	8,297	36,441	10,552	25,889	15,095	9,646
Year Ago	68,599	62,297	*na*	*na*	*na*	6,302	197	9,701	39,413	*na*	*na*	15,767	9,874
PADD 2 TOTAL	59,321	50,086	971	——	49,115	9,235	933	7,366	28,987	16,962	12,025	2,855	16,124
Week Ago	59,096	48,699	857	——	47,842	10,397	795	7,988	28,516	16,620	11,896	2,868	15,898
Year Ago	62,928	52,943	*na*	*na*	*na*	9,985	1,150	8,370	28,439	*na*	*na*	2,645	15,814
PADD 3 TOTAL	59,435	43,322	1,607	——	41,715	16,113	485	12,691	23,854	12,051	11,803	16,701	52,581
Week Ago	60,337	44,381	1,940	——	42,441	15,956	592	13,695	24,885	10,688	14,197	16,671	51,649
Year Ago	65,776	47,968	*na*	*na*	*na*	17,808	1,604	13,402	24,760	*na*	*na*	14,632	48,078
PADD 4 TOTAL	8,515	5,507	212	——	5,295	3,008	185	522	3,000	1,681	1,319	303	2,549
Week Ago	8,044	5,232	179	——	5,053	2,812	222	590	2,942	1,674	1,268	310	2,594
Year Ago	6,509	4,563	*na*	*na*	*na*	1,946	294	469	2,259	*na*	*na*	374	2,105
PADD 5 TOTAL	33,243	24,454	1,401	——	23,053	8,789	139	6,007	10,185	6,555	3,630	6,390	25,818
Week Ago	33,436	24,128	2,556	——	21,572	9,308	109	6,597	9,902	6,604	3,298	6,213	25,052
Year Ago	33,615	26,790	*na*	*na*	*na*	6,825	1,343	6,380	8,996	*na*	*na*	8,381	21,834
U.S. TOTAL	225,691	181,717	13,387	——	168,330	43,974	1,994	35,036	102,959	48,185	54,774	41,116	106,913
Week Ago	225,786	180,978	14,840	——	166,138	44,808	1,946	37,167	102,686	46,138	56,548	41,157	104,839
Year Ago	237,427	194,561	*na*	*na*	*na*	42,866	4,588	38,322	103,867	*na*	*na*	41,799	97,705

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: March 11, 1994	4,286.0	5,693	721
Week Ended: March 4, 1994	4,246.0	6,209	832
Week Ended: February 25, 1994	4,246.0	5,970	899
Week Ended: March 12, 1993	4,335.0	7,249	688
DOE latest (10/93):	4,235.0		
PADD 5			
Week Ended: March 11, 1994	2,520.0	56	56
Week Ended: March 4, 1994	2,529.0	188	108
Week Ended: February 25, 1994	2,529.0	90	79
Week Ended: March 12, 1993	2,594.0	383	52
DOE latest (10/93):	2,570.0		
TOTAL U.S.			
Week Ended: March 11, 1994	6,806.0	5,749	777
Week Ended: March 4, 1994	6,775.0	6,397	940
Week Ended: February 25, 1994	6,775.0	6,060	978
Week Ended: March 12, 1993	6,929.0	7,632	740
DOE monthly - year ago	6,912.0		
DOE latest (10/93):	6,805.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5 TOTAL	PADD 5 ALASKAN IN TRANSIT BY WATER	TOTAL
Current Week	13,521	75,777	152,998	10,954	75,657	16,911	328,907
Week Ago	14,497	77,249	152,401	11,148	78,896	22,060	334,191
Year Ago	15,267	72,943	165,362	11,466	77,948	18,183	342,986

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	-263
1993 Average:	258
1993 Positive Average:	736
1993 Negative Average:	-597

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	82	—	—	82	—	—	15	354	4	350	94	—	—	—	545
Central Atlantic	218	—	—	218	71	—	43	49	30	19	274	8	163	—	826
Lower Atlantic	175	—	—	175	—	—	4	22	22	—	87	—	—	4	292
PADD 1 TOTAL	475	—	—	475	71	—	62	425	56	369	455	8	163	4	1,663
week ago	254	—	—	254	9	—	98	288	85	203	364	9	141	7	1,170
4 Week averages															
avg - current 4 weeks	343	—	—	343	34	—	98	302	55	247	400	9	158	52	1,396
avg - year ago 4 weeks	171	*na*	*na*	*na*	41	6	84	182	*na*	*na*	254	31	147	67	983
PADDs 2-4 TOTAL	—	—	—	—	9	—	—	38	13	25	24	132	379	157	739
week ago	—	—	—	—	10	—	—	27	9	18	61	146	86	331	661
4 Week averages															
avg - current 4 weeks	—	—	—	—	5	—	—	27	9	18	40	152	265	181	670
avg - year ago 4 weeks	12	*na*	*na*	*na*	13	3	11	5	*na*	*na*	39	166	303	169	721
PADD 5 TOTAL	8	—	—	8	—	—	7	11	1	10	15	14	41	8	104
week ago	5	—	—	5	—	—	10	8	1	7	14	5	1	10	53
4 Week averages															
avg - current 4 weeks	8	—	—	8	—	—	10	8	1	7	14	7	19	8	74
avg - year ago 4 weeks	12	*na*	*na*	*na*	—	—	1	1	*na*	*na*	26	1	9	12	62
U.S. TOTAL	483	—	—	483	80	—	69	474	70	404	494	154	583	169	2,506
week ago	259	—	—	259	19	—	108	323	95	228	439	160	228	348	1,884
4 Week averages															
avg - current 4 weeks	351	—	—	351	39	—	108	337	65	272	453	168	442	241	2,139
avg - year ago 4 weeks	195	*na*	*na*	*na*	53	8	95	189	*na*	*na*	318	198	459	247	1,762

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	FEBRUARY 1994	JANUARY 1994 /r	OCTOBER 1993
Florida	15.0	16.0	16.0
New York-Pennsylvania	6.0	6.0	6.0
Virginia	0.0	0.0	0.0
West Virginia	6.0	6.0	6.0
Illinois	52.0	53.0	52.0
Indiana	8.0	8.0	8.0
Kansas	131.0	135.0	130.0
Kentucky	9.0	10.0	9.0
Michigan	35.0	38.0	39.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	13.0	14.0	14.0
Ohio	25.0	25.0	25.0
Oklahoma	257.0	259.0	260.0
North Dakota	83.0	85.0	85.0
South Dakota	4.0	4.0	4.0
Alabama	52.0	54.0	54.0
Arkansas	27.0	27.0	27.0
Mississippi	56.0	61.0	57.0
New Mexico-So. East	173.0	174.0	176.0
New Mexico-Other	13.0	14.0	12.0
Louisiana	1,140.0	1,155.0	1,126.0
Texas	1,725.0	1,760.0	1,715.0
Colorado	78.0	82.0	78.0
Montana	46.0	47.0	44.0
Utah	57.0	58.0	58.0
Wyoming	234.0	235.0	233.0
Total Districts 1-4	4,246.0	4,327.0	4,235.0
Alaska	1,594.0	1,678.0	1,614.0
Arizona	0.0	0.0	0.0
California	930.0	935.0	952.0
Nevada	5.0	5.0	4.0
Total District 5	2,529.0	2,618.0	2,570.0
TOTAL U.S.	6,775.0	6,945.0 /r	6,805.0

/r Revised: Data currently displayed are based on reported volumes from 39 producing companies. These volumes are estimated to represent 49.2% of lower 48 states production. When combined with reported Alaskan data, the sample represents 61.5% of total U.S. production in January.